CLAIMS

1. A transport apparatus comprising:

a trough in which an article to be conveyed is placed;

a reciprocating movement mechanism for reciprocatingly moving the trough in a conveyance direction of the article, and performing the reciprocating movement such that rearward movement is faster than forward movement; and

a protruding part which protrudes from the trough;

the reciprocating movement mechanism including a support member with a depressed part that supports the protruding part, and

the protruding part being removably connected to the depressed part.

2. The transport apparatus according to Claim 1, wherein

the support member is configured such that the depressed part faces vertically upward.

3. The transport apparatus according to Claim 1, comprising:

a plurality of support members, at least one support member among the plurality of support members being configured such that the depressed part faces horizontally.

4. The transport apparatus according to Claim 3, wherein

the support member having the depressed part facing horizontally is a support member located rearward in the conveyance direction of the article, and an opening side of the depressed part is configured so as to face in the conveyance direction of the article.

5. The transport apparatus according to any one of Claim 1 through Claim 4, wherein

the support member is provided on both lateral sides of the trough.

6. The transport apparatus according to any one of Claim 1 through Claim 4, wherein

the support member is provided on only one lateral side of the trough.

7. The transport apparatus according to any one of Claim 1 through Claim 6, wherein

the support member supports the trough at a position toward the back of the trough.

8. A combination weighing apparatus, comprising:

the transport apparatus according to any one of Claim 1 through Claim 7.